The Edible Solar System

Planetary Object	Diameter in model	Object in model	Distance from sun in model	Actual dist. from sun (Au)	Actual Diameter (km)
Sun	8 inch	Yellow ball	—	—	1,391,900
Mercury	0.03 inch	Poppy seed	10 yards	0.39	4,878
Venus	0.08 inch	Peppercorn	19 yards	0.72	12,104
Earth	0.08 inch	Peppercorn	26 yards	1.00	12,756
Mars	0.03 inch	Bird seed	40 yards	1.52	6,794
Jupiter	0.90 inch	Mint hard candy	132 yards	5.20	142,984
Saturn	0.70 inch	Butterscotch	244 yards	9.53	120,536
Uranus	0.30 inch	Skittle	493 yards	19.23	51,118
Neptune	0.30 inch	Sweet tart ball	774 yards	30.14	49,528
Pluto	>0.03 inch	Speck of dust	1,000 yards	39.81	2,300
End of solar system (heliopause)	—	—	293,000 yards		

- The distance from Proxima Centauri to the sun is the distance from New York to Los Angeles and back again
- Pluto's orbit is not in the same plane as all the other planets, it is 17° off the plane, so in this model you would have to climb a tree 200 yardsticks high and dig a hole on the opposite side of its orbit 200 yardsticks deep to accurately reflect Pluto's orbital path around the sun

*Adapted from The Thousand Yard Model by Guy Ottewell, 1989, ISBN 0-934546-21-5